



V7 Elite 2.5" Solid State Drive – 128GB

VBS3128GR-3E

Key Features

- Unprecedented high-speed experience with SATA III 6 Gb/sec interface
- Read/write speed of 550/530 MB/sec and Random 4k Write IOPs of 90,000
- Low power, light weight and durable with S.M.A.R.T support and the 100 G Shock Resistance
- Peak performance with MLC NAND Flash technology and SandForce® 2281 controller
- Maintain effective operation and extend life of the disk with full support of Windows TRIM Command



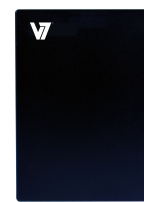
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Overview

V7 Elite Solid State Drive (SSD) is innovatively engineered to deliver industry-leading file transfer rates and superior system responsiveness, all while providing a more durable, reliable, and energy efficient storage solution compared to traditional hard disk drives. The latest SSD storage solution for servers, Ultrabooks™, laptops and desktop PCs is rugged, fast and quiet. Offering data read speeds up to 550 MB/sec, ideal for handling large amounts of data quickly that improves system responsiveness, extends notebook battery life and maximizes computer performance. The internal SSD operates silently and provides faster system boot-up, application launch and shutdown times. VBS3128GR-3E is S.M.A.R.T. capable and offers TRIM support, and has a 100G Shock Rating. All V7 Solid State Drives are backed by a 2-year limited warranty.

Specification

V7 Model #	VBS3128GR-3E
IM SKU #	J152425
EAN	0662919049411
Compatibility	Desktops and laptops (including ultrabook portables and netbooks) and workstations
Compliance	CE/FCC/ROHS
Country of Origin	China
Data Encryption	128-bit AES-compliant, ATA Security Mode Features
Data Path Protection	BCH ECC up to 55 bits/512 Byte sector
Form Factor	2.5 Inch - Reduced 0.7mm thickness
Health Monitoring	Self-Monitoring, Analysis and Reporting Technology support (S.M.A.R.T.)
Interfaces/Port	SATA III, 6 Gb/sec (backwards compatible with SATA 2, 3 Gb/sec)
Nand Controller	Sandforce 2281
Nand Flash Component	1Xnm Asynchronous Multi-Level Cell (MLC) NAND Flash
Package dim. (L/W/H)	38 x 140 x 165 mm
Package Weight	226 g
Power Consumption	Idle:0.5W, Active:3.0W
Product dim. (L/W/H)	7 x 70 x 100 mm
Product Weight	89.8 g
Random 4K Read / Write IOPS	28,000 IOPS / 90,000 IOPS
Read/Write Speed	550 MB/sec / 530 MB/sec
Sequential Reads/Writes	450 MB/sec / 280 MB/sec
Storage Capacity	128 GB Capacity (120GB useable capacity IDEMA)
Warranty	2-Year Limited Warranty



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